NITFS
Compliance Registration

Product: CIP V 6.8d with GH imagery

Sponsor: USAF CIP Program Office

Developer: Northrop Grumman Corporation

Date: 07 July 2008
Expiration: 08 July 2010
Registration #: 1033

- [x] Initial Registration
- [ ] Supplemental/Update #
- [ ] Derived from Reg. #

Complexity Level

NITF 2.1 CLEVEL	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

- [x] **System** N-0105/98, §4.1.1
- [ ] **Product** N-0105/98, §4.1.2
- [ ] **Component** N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Configurations Tested:

- 2 Servers (A&B); Compaq ES45, 1250 MHz*4CPUs and Tru64 UNIX®V5.1B

NITFS Features Implemented:

Format
NITF
- (●) V2.1
- ( ) V2.0
- ( ) V1.1

NSIF
- (●) V1.0

Pixel Value Types
- ( ) Boolean
- (●) Integer
- ( ) Signed Integer *
- ( ) IEEE Real *
- ( ) IEEE Complex *

Annotation Segment Types
- ( ) Bit Mapped **
- ( ) CGM, 2301
- ( ) CGM, 2301A
- ( ) Labels **

Text Segments
- ( ) STA
- ( ) UT1
- ( ) U8S
- ( ) MTF

Image Segment Types
- (●) MONO
- ( ) RGB
- ( ) RGB/LUT
- ( ) YCbCr
- ( ) MULTI
- ( ) NODISPLY
- ( ) POLAR

Image Compression
- (●) Not Compressed
- (●) JPEG Lossy, 8-bit
- ( ) JPEG Lossy, 12-bit
- ( ) JPEG Downsample
- ( ) JPEG Lossless
- ( ) JPEG 2000
- ( ) Bi-Level
- ( ) Vector Quantization
- ( ) Multispectral JPEG, Individual Band

Data Extension Segments
- (●) TRE_OVERFLOW
- ( ) STREAMING_FILE_HEADER
- ( ) Controlled Extensions **
- ( ) Registered Extensions **

Tagged Record Extensions
- (◎) - ASDE
- (●) - ICHIPB
- (●) - MTXFIL
- (◎) - MITOCA
- (●) - GEOPSB
- (●) - REGPTB

Legend

Interpret	Generate	
●	●	Fully implemented/supported
◎	◎	Partially implemented/supported
○	○	Not implemented/supported

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program